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FROM: Rodney B. Carroll

DATE: May 18, 2006

RE: U.S. Patent Application Serial No. 10/712,686  
Filing Date: November 13, 2003  
Atty Docket: 33735US00 (4081-04300)  
Amendments and Response to Office Action Dated February 23, 2006 (12 pgs.)

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Total Number of Pages (Including Cover Page): 13

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Atty Docket: 33735US00 (4081-04300)

MAY 18 2006

Patent

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Tin-Tack Peter Cheung, *et al.*

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Serial No.: 10/712,686

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Filed: November 13, 2003

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For: METHODS AND SYSTEMS OF PRODUCING  
MONOOLEFINS BY THE EXTRACTION-  
HYDROGENATION OF HIGHLY  
UNSATURATED HYDROCARBONS

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Group Art Unit: 1764

Examiner: Thuan D. Dang

Confirmation No. 9092

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Mail Stop: Amendment  
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AMENDMENTS AND RESPONSE TO  
OFFICE ACTION DATED FEBRUARY 23, 2006

In response to the Office Action dated February 23, 2006, Applicants respectfully request the following amendments to the above-identified application as follows. The changes made are shown by underlining the added text and striking through the deleted text in bold.

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 9 of this paper.